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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER HKO-6Axis-USNP U.S. APPLICATION NO. 10/7511110 |
| INTERNATIONAL APPLICATION NO. PCT/US03/11614 | INTERNATIONAL FILING DATE 14 April 2003 | PRIORITY DATE CLAIMED 12 April 2002 |
| TITLE OF INVENTION Multi-Axis Joystick and Transducer Means Therefore | | |
| APPLICANT(S) FOR DO/EO/US Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R. Obermeyer | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). a new Specification and Drawings (reflecting certain amendments), firm letter of transmittal; 20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mailing for each document: return postcard | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| | | | | |
|---|-------------------------------|---------------------------|------------|---------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | INTERNATIONAL APPLICATION NO. | ATTORNEY'S DOCKET NUMBER | | |
| 10/511110 | PCT/US03/11614 | HKO-6Axis-USNP | | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | CALCULATIONS PTO USE ONLY | | |
| BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)): | | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... | | \$1110.00 | | |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO | | \$950.00 | | |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO | | \$790.00 | | |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) | | \$750.00 | | |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) | | \$100.00 | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$ 750.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$ | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ |
| Total claims | 20 - 20 = | 0 | X \$18.00 | \$ 0.00 |
| Independent claims | 3 - 3 = | 0 | X \$88.00 | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$300.00 | \$ |
| TOTAL OF ABOVE CALCULATIONS = | | \$ 750.00 | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. | | \$ | | |
| | | 375.00 | | |
| SUBTOTAL = | | \$ 375.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | \$ | | |
| | | + | | |
| TOTAL NATIONAL FEE = | | \$ 375.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | \$ | | |
| | | + | | |
| TOTAL FEES ENCLOSED = | | \$ 375.00 | | |
| | | Amount to be refunded: | \$ | |
| | | Amount to be charged: | \$ | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 375.00 to cover the above fees is enclosed. | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | |
| c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed. | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | |
| Alfred K. Wiedmann Jr. Santangelo Law Offices, P.C. 125 South Howes, Third Floor Fort Collins, CO 80521 (970) 224-3100 | | | | |
|  SIGNATURE Alfred K. Wiedmann Jr. NAME USPTO Reg. No.: 48,033 REGISTRATION NUMBER | | | | |

10/51110
DT04 Rec'd PCT/PTO 12 OCT 2004

Express Mail No: EV 508576101 US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Applicants:

Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R.
Obermeyer

Filed:

Title: Multi-Axis Joystick and Transducer Means Therefore

TC/A.U:

Examiner:

International Application Number: PCT/US03/11614, Filed 14 April 2003

Original US Applications: US 60/372,216, Filed 12 April 2002

Attorney Docket: HKO-6Axis-USNP

Customer No. 33549

CERTIFICATE OF EXPRESS MAILING

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached First Preliminary Amendment with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

10/51110
DT04 Rec'd PCT/PTO 12 OCT 2004

Express Mail No: EV 508576101 US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Applicants:

Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R.
Obermeyer

Filed:

Title:

Multi-Axis Joystick and Transducer Means Therefore

TC/A.U:

Examiner:

International Application Number: PCT/US03/11614, Filed 14 April 2003

Original US Applications: US 60/372,216, Filed 12 April 2002

Attorney Docket: HKO-6Axis-USNP

Customer No. 33549

LETTER OF TRANSMITTAL

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450.

Sir:

Enclosed for filing is a United States National Stage application under 35 U.S.C. §371 entitled "Multi-Axis Joystick and Transducer Means Therefore", including the following documents:

1. Application Data Sheet;
2. a true and correct copy of the Declaration of Inventorship of Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R. Obermeyer as filed in the International Application;
3. a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. 371 (FORM PTO-1390 (REV 10-2004));
4. the new "Specification and Drawings" (reflecting certain amendments)-- the Specification consisting of 73 pages and the Drawings consisting of 65 sheets;

10/511110

DT04 Rec'd PCT/PTO 12 OCT 2004

5. a Preliminary Amendment -- which should be entered prior to calculation of the fee for this application -- and which cancels particular claims;
6. an Information Disclosure Statement along with copies of references cited -- any references that are US Patents or US Patent application publications are not submitted herewith, in accordance with the Office's waiver of the requirement under Rule 1.98(a)(2)(i);
7. this firm Letter of Transmittal along with a check made payable to the Director of the Patent and Trademark Office in the amount of \$375.0 for National Phase filing fee; and
8. Express Mail Certificates for each document and a Postcard Receipt for return to the undersigned.

Please confirm receipt of the documents by applying your date stamp and serial number on the enclosed postcard and returning it to me.

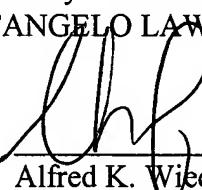
Please address all future correspondence to: Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521.

I have this 12th day of October, 2004, either myself personally or through my direction of staff at this office, deposited all of the items in the above letter of transmittal with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Respectfully Submitted,
SANTANGELO LAW OFFICES, P.C.

By:


Alfred K. Wiedmann Jr.
Attorney for Applicants
PTO No. 48,033
125 South Howes, Third Floor
Fort Collins, CO 80521
(970) 224-3100

10/51110
DTO-Rec'd PCT/PTO 12 OCT 2004

Express Mail No: EV 508576101 US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Applicants:

Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R.
Obermeyer

Filed:

Title: Multi-Axis Joystick and Transducer Means Therefore

TC/A.U:

Examiner:

International Application Number: PCT/US03/11614, Filed 14 April 2003

Original US Applications: US 60/372,216, Filed 12 April 2002

Attorney Docket: HKO-6Axis-USNP

Customer No. 33549

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I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached "New Specification and Drawings" -- the Specification consisting of 73 pages and the Drawings consisting of 65 sheets with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

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1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Declaration of Inventorship of George C. Malachowski, Peter A. Lopez, and Kristopher S. Buchanan with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

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Application Number:

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Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

Express Mail No: EV 508576101 US

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TRADEMARK OFFICE

Application Number:

Applicants:

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Obermeyer

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1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, 3rd Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Information Disclosure Statement along with copies of certain references cited as described in the Letter of Transmittal with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

10/511110
DT04 Rec'd PCT/PTO 12 OCT 2004

Express Mail No: EV 508576101 US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Applicants: Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie R. Obermeyer

Filed:

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International Application Number: PCT/US03/11614, Filed 14 April 2003

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2. I have this day deposited the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. 371 (FORM PTO-1390 (REV 10-2004)) with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 12th day of October, 2004.

Cheryl A. Swanson
Cheryl A. Swanson

10/51110
0704 Rec'd PCT/PTO 12 OCT 2004

Express Mail No: EV 508576101 US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Applicants: Henry K. Obermeyer, Fritz H. Obermeyer, and Leslie
R.
Obermeyer

Filed:

Title: Multi-Axis Joystick and Transducer Means Therefore

TC/A.U:

Examiner:

International Application Number: PCT/US03/11614, Filed 14 April 2003

Original US Applications: US 60/372,216, Filed 12 April 2002

Attorney Docket: HKO-6Axis-USNP

Customer No. 33549

COVER SHEET FOR A TRUE AND CORRECT COPY OF THE DECLARATION OF
INVENTORSHIP OF HENRY K. OBERMEYER, FRITZ H. OBERMEYER, AND
LESLIE R. OBERMEYER AS FILED IN THE INTERNATIONAL APPLICATION